

FIG. 1

FIG. 2

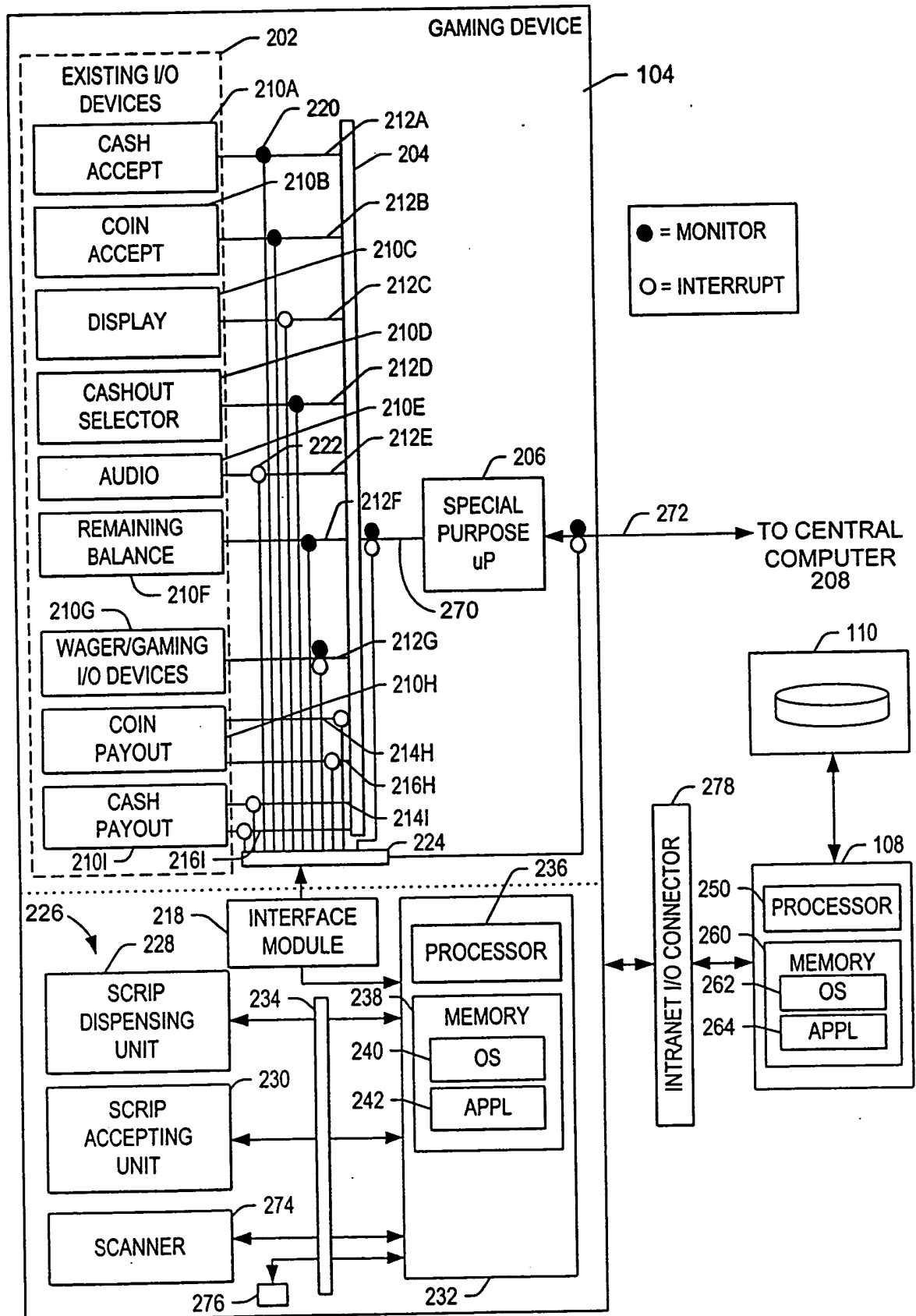


FIG. 2

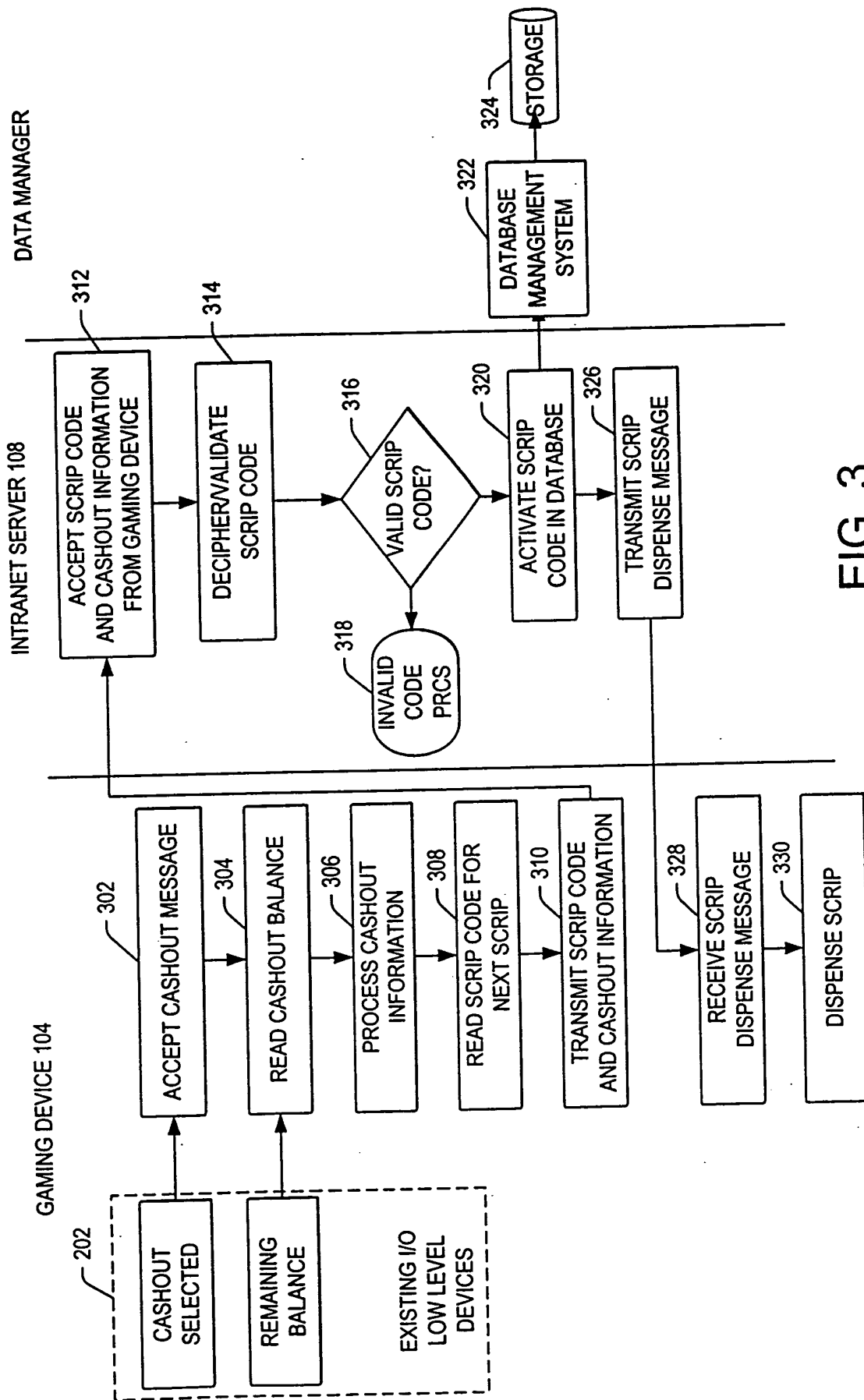


FIG. 3

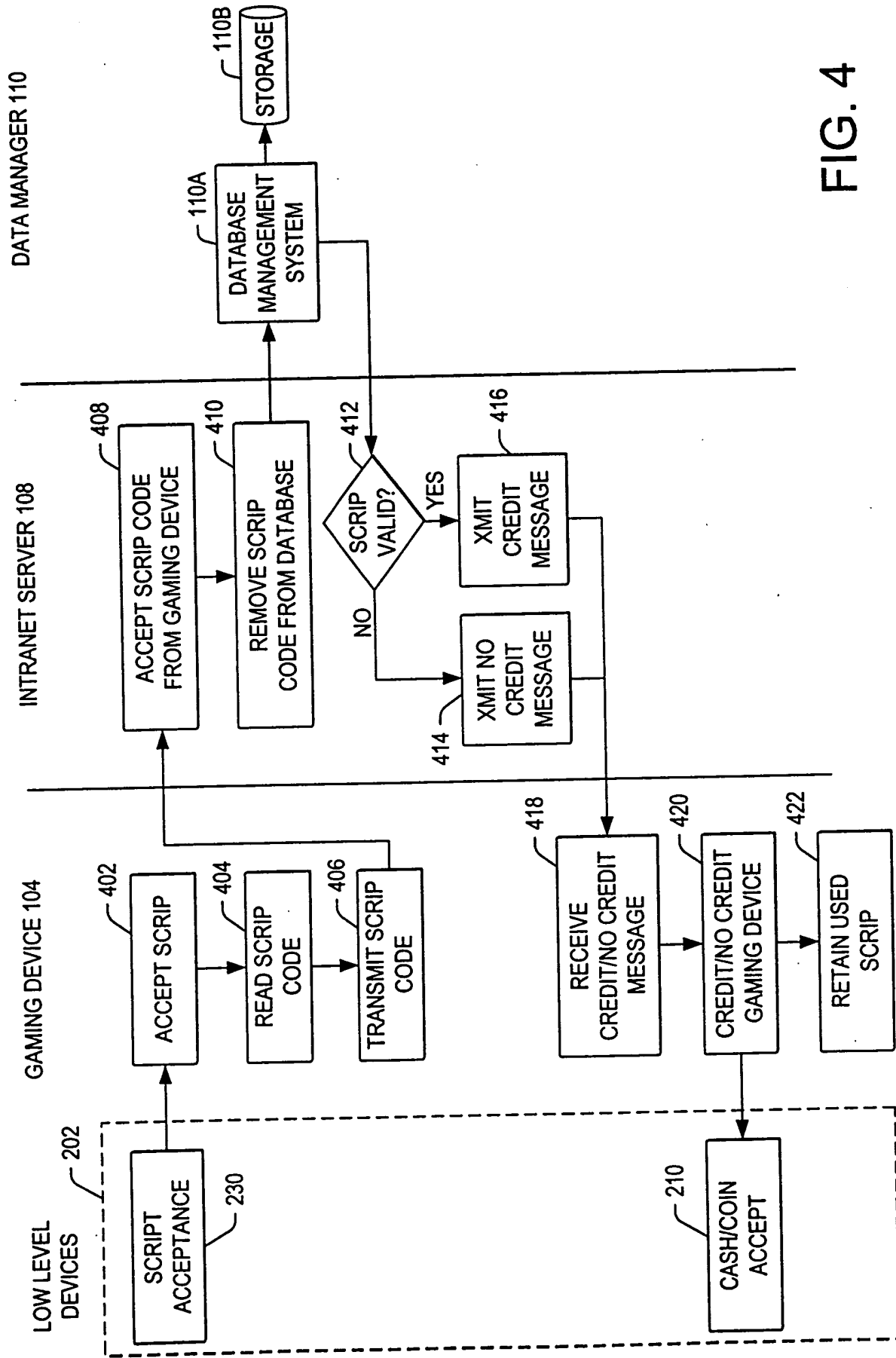


FIG. 4

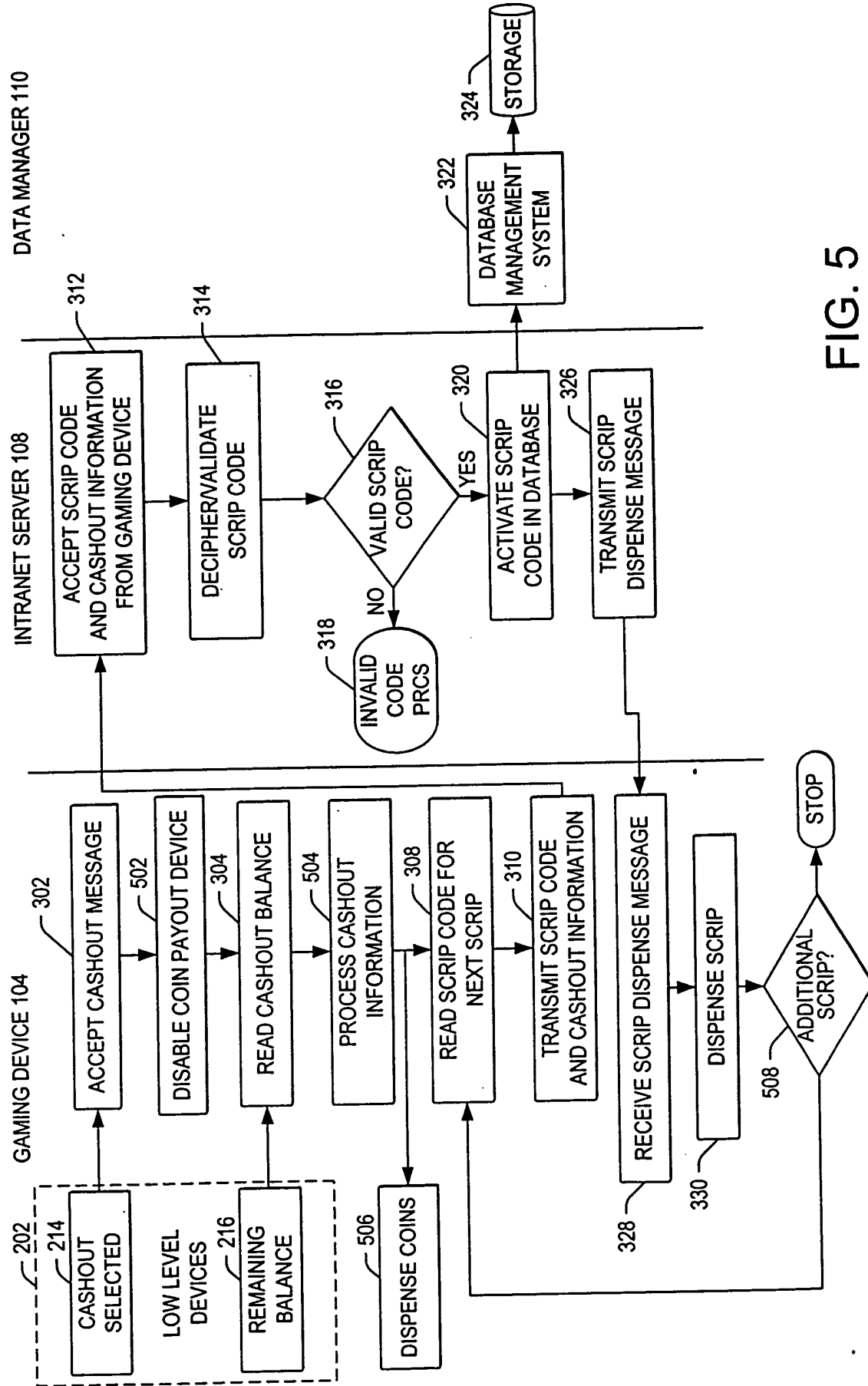


FIG. 5

FIG. 6

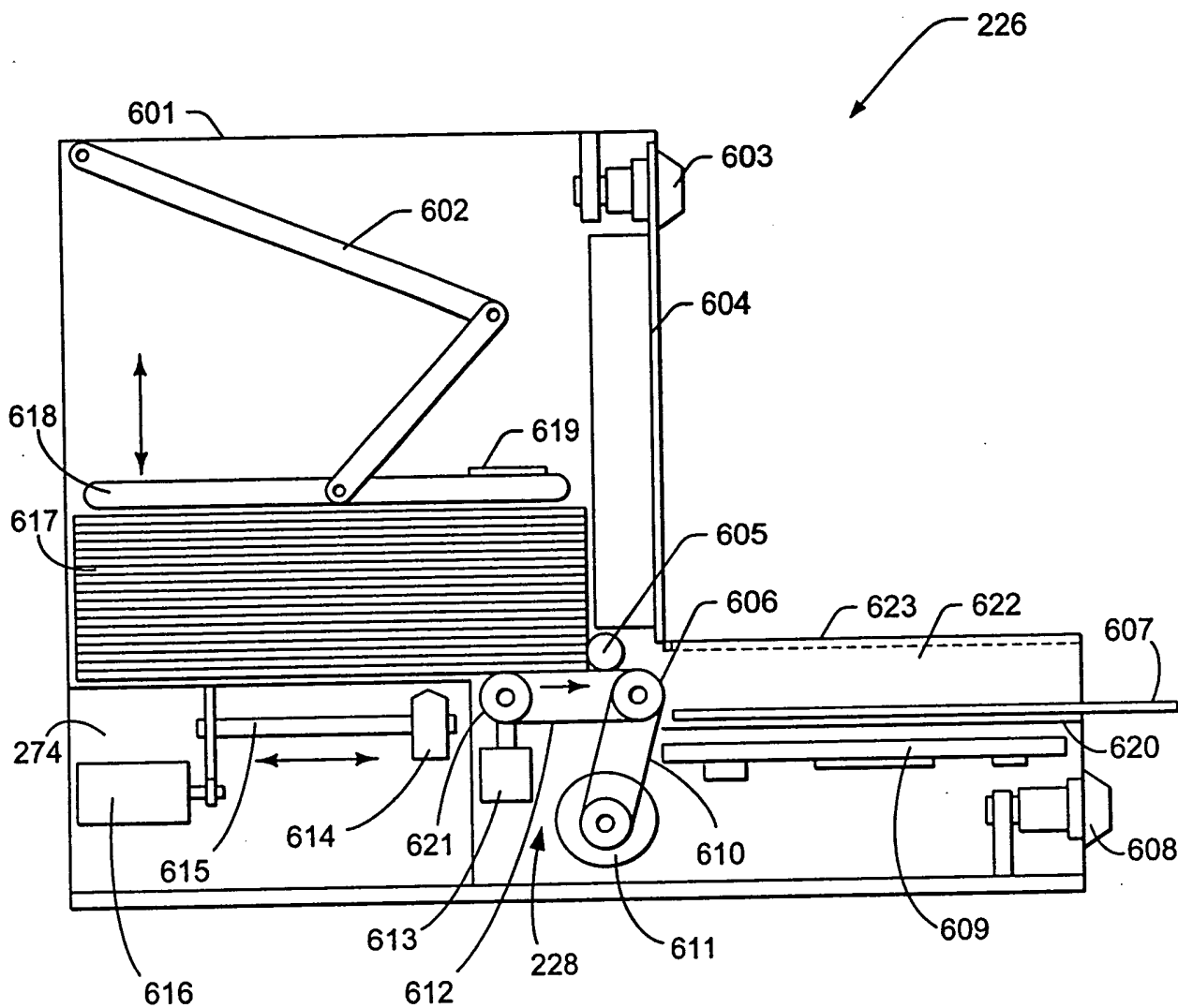
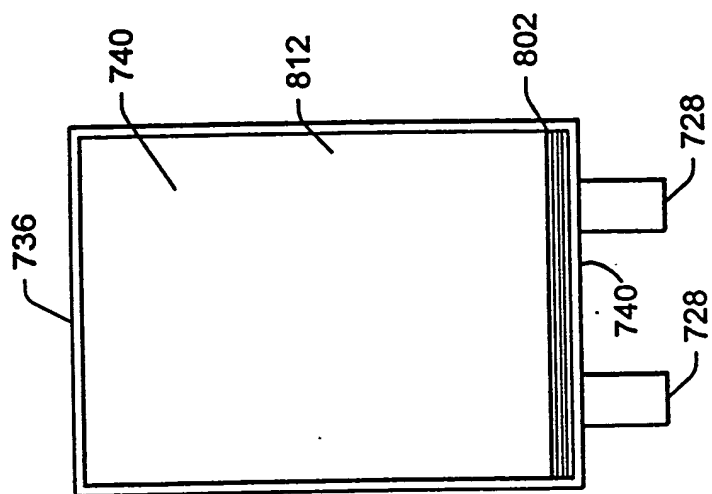


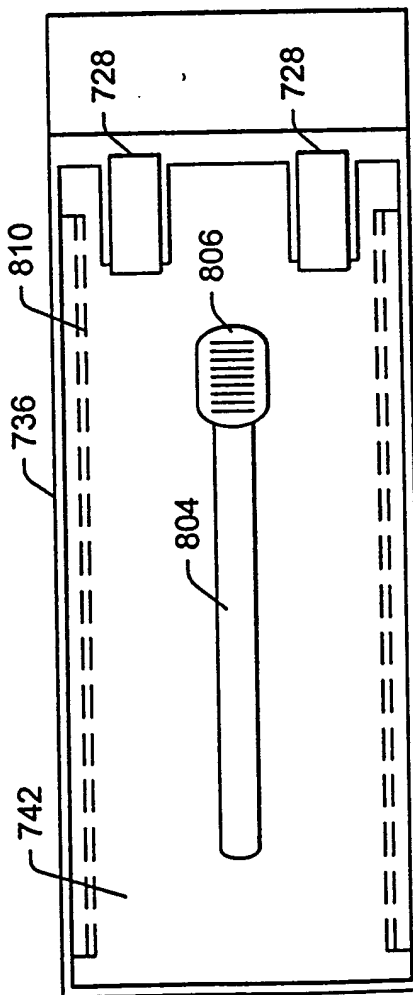
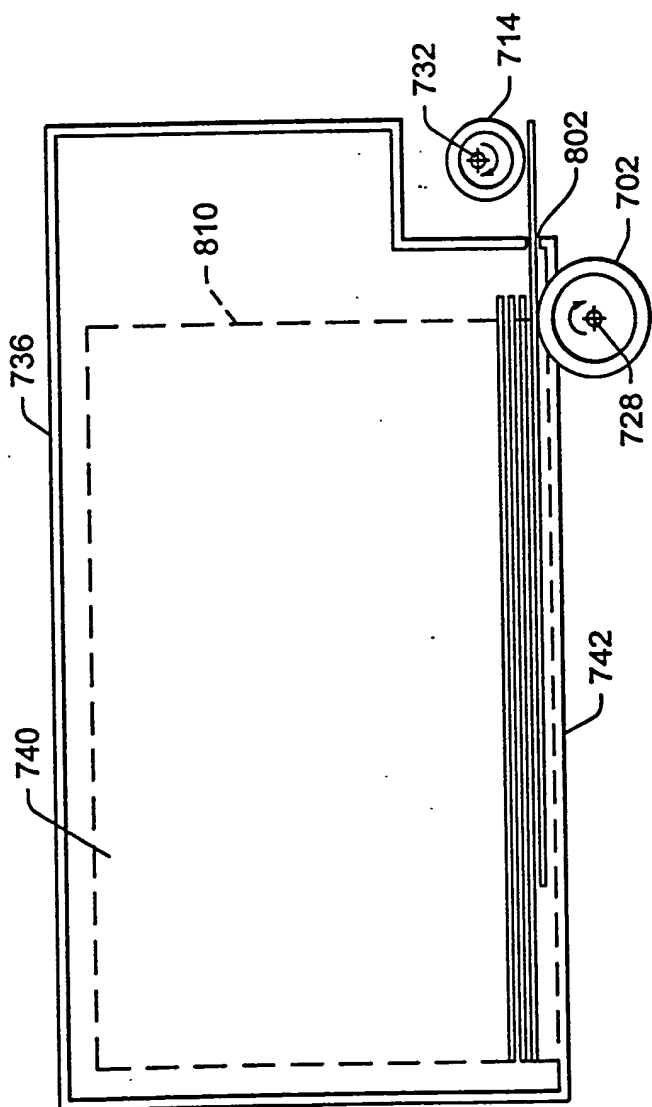
FIG. 6

A detailed cross-sectional schematic of a mechanical assembly 226. The assembly features a large rectangular component 740 with horizontal internal layers, mounted on a base 736. To the left, a motor or actuator 616 is connected via a linkage 615 to a vertical rod 738, which has a double-headed arrow indicating its range of motion. This rod is part of a larger mechanism involving a lever 614 and a pivot point 702. A series of pulleys and belts are shown, including a drive pulley 706 and a driven pulley 716, connected by a belt 610. Other components include a vertical guide rail 603, a sliding carriage 604, and various sensors or switches indicated by circles with crosses (e.g., 728, 704). The entire system is housed within a frame 609.

FIG. 7



8  
G.  
E.





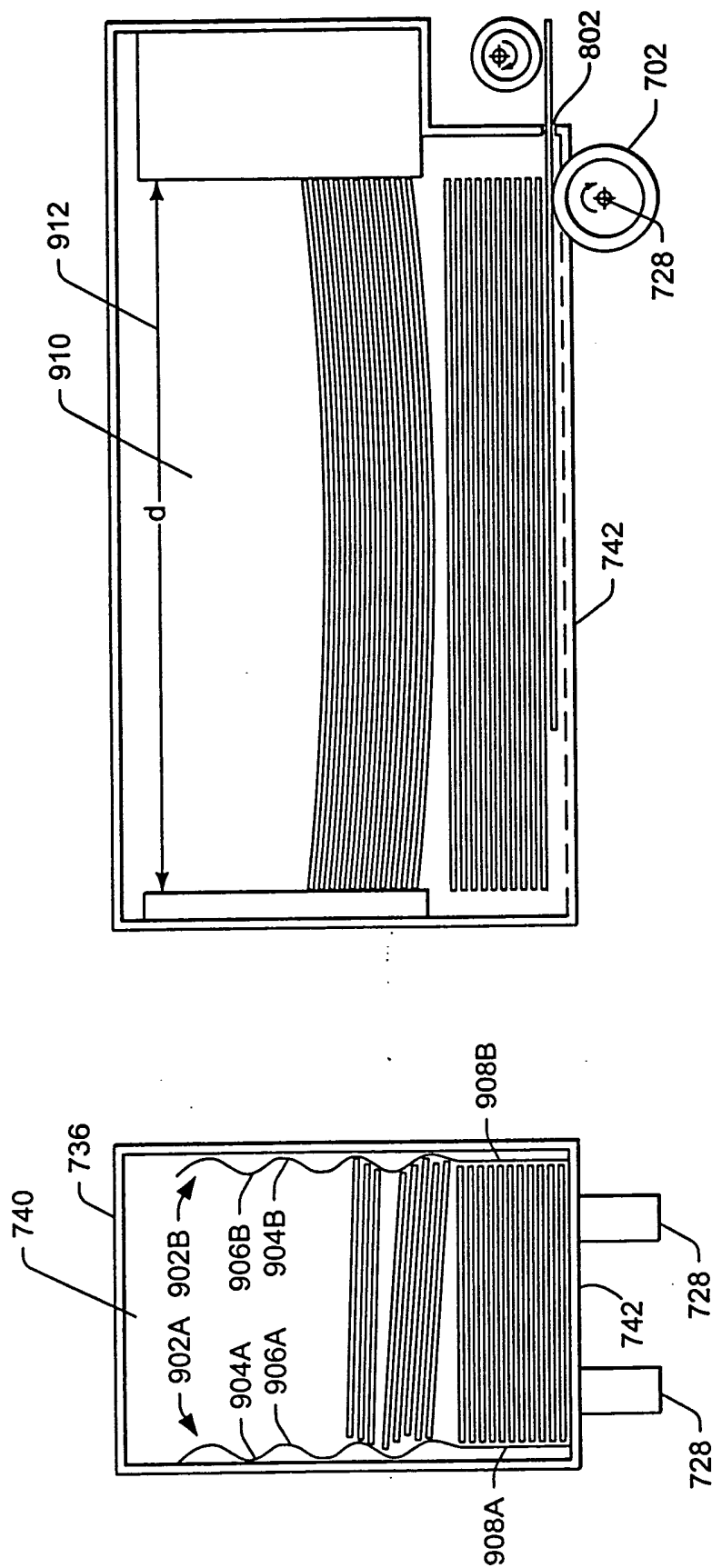


FIG. 9B

FIG. 9A

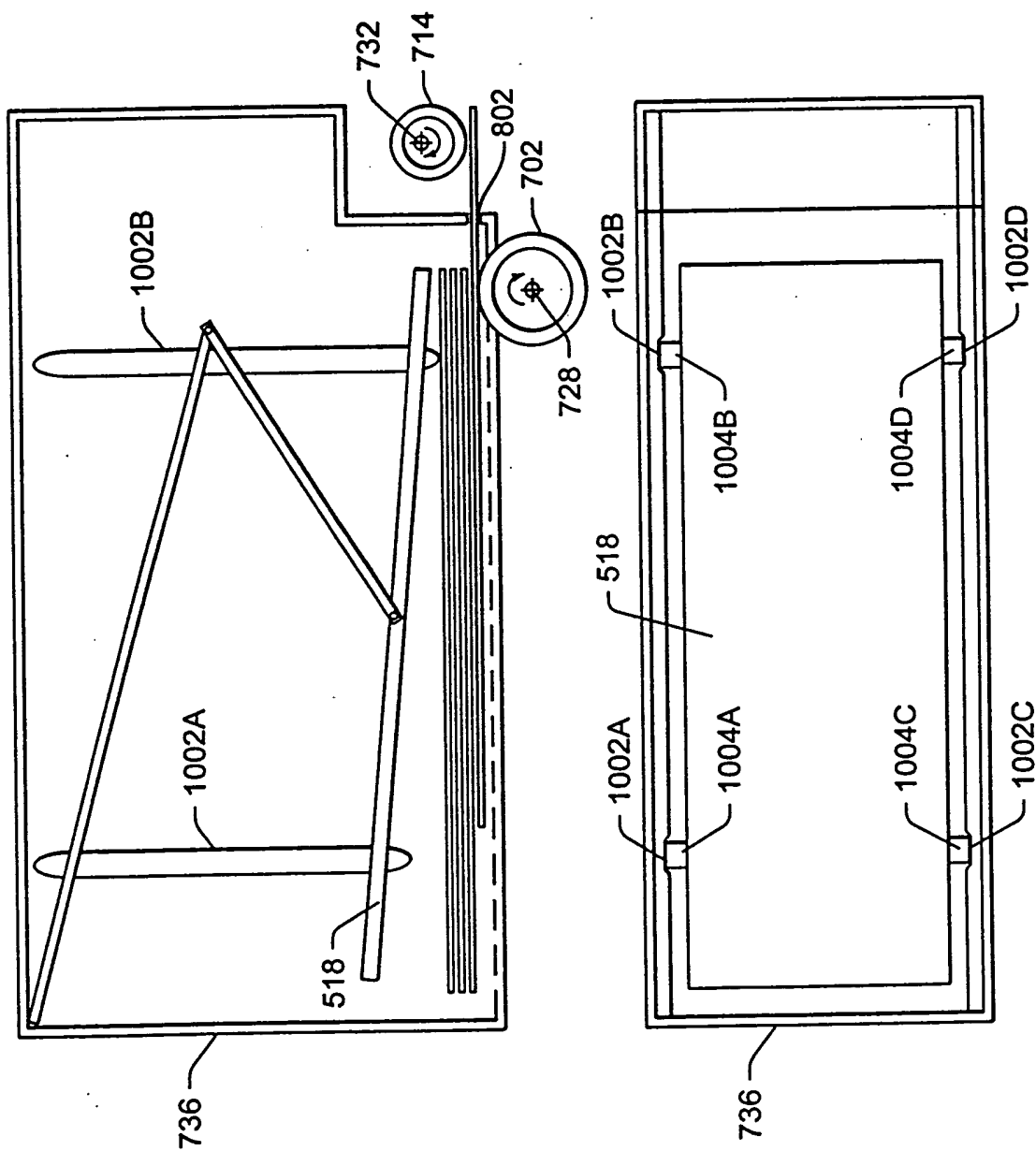


FIG. 10

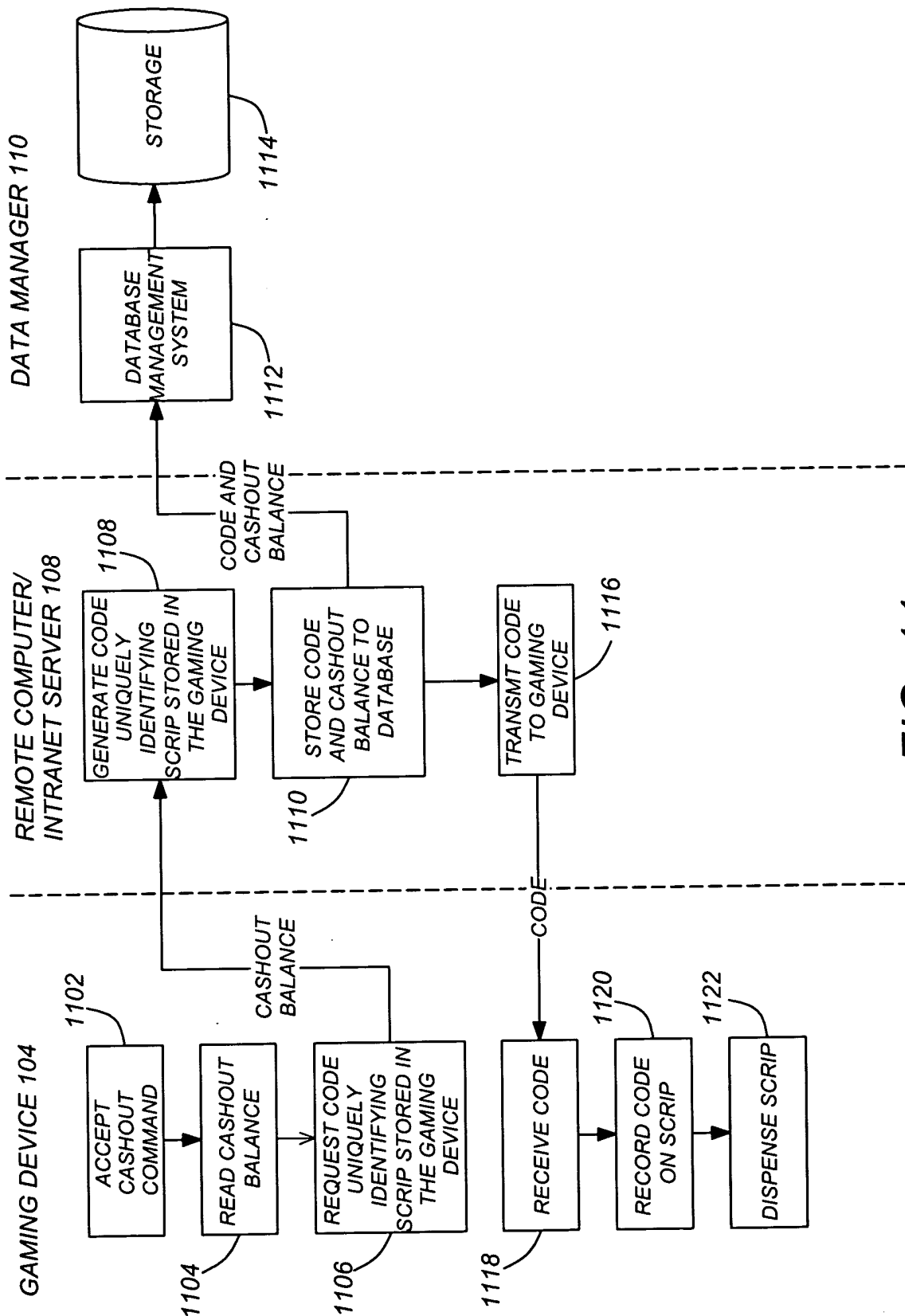


FIG. 11

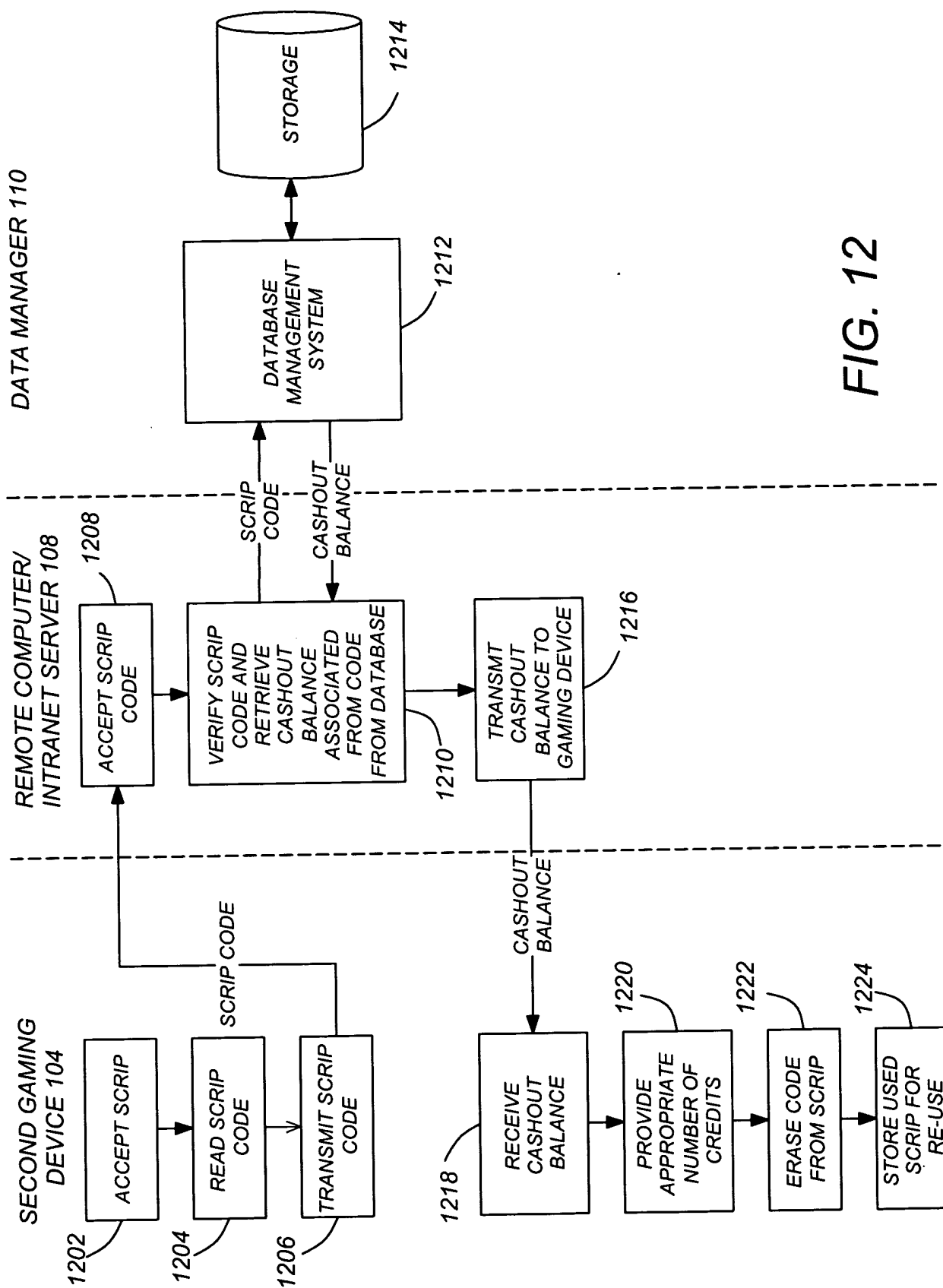


FIG. 12

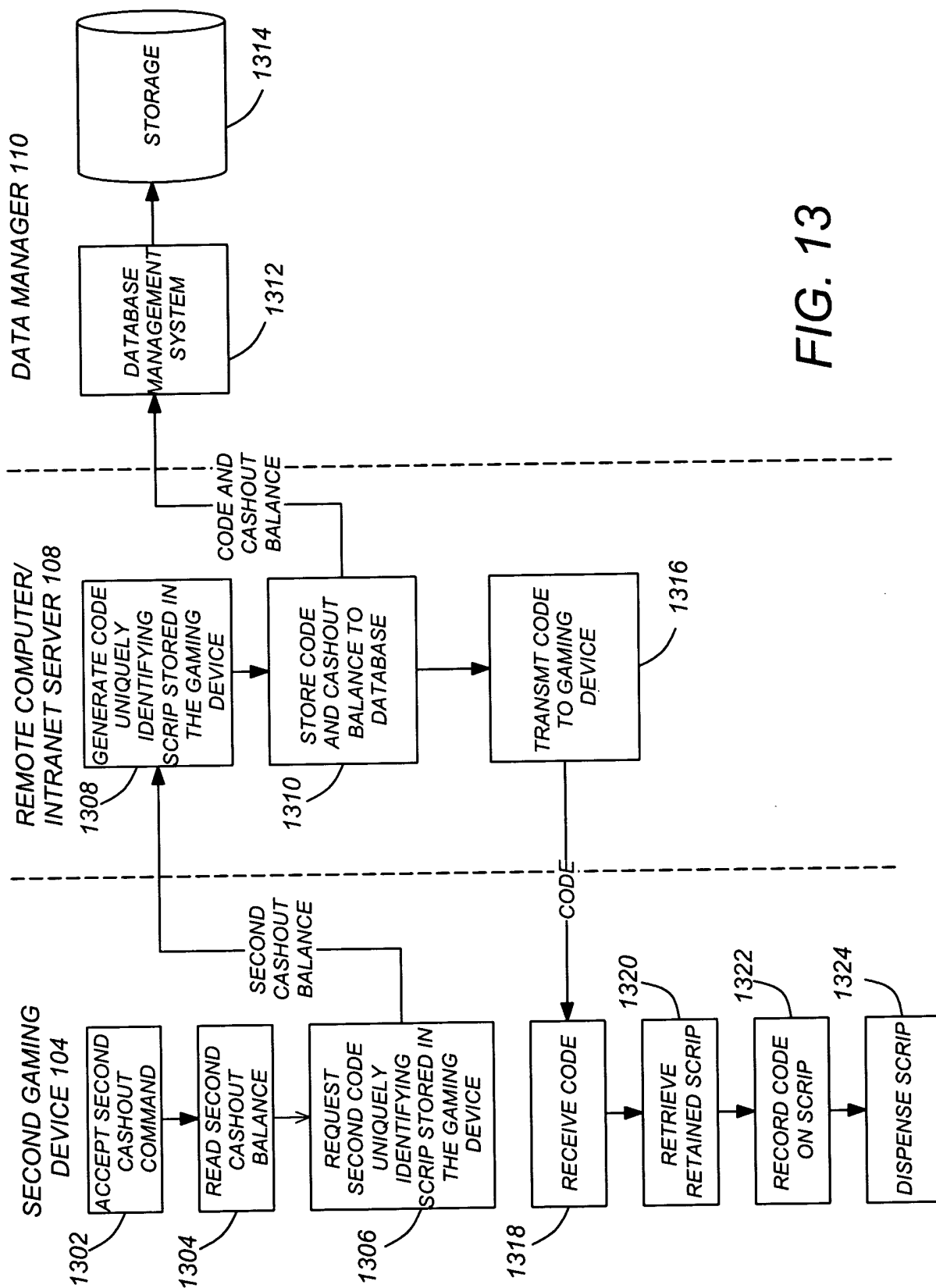


FIG. 13

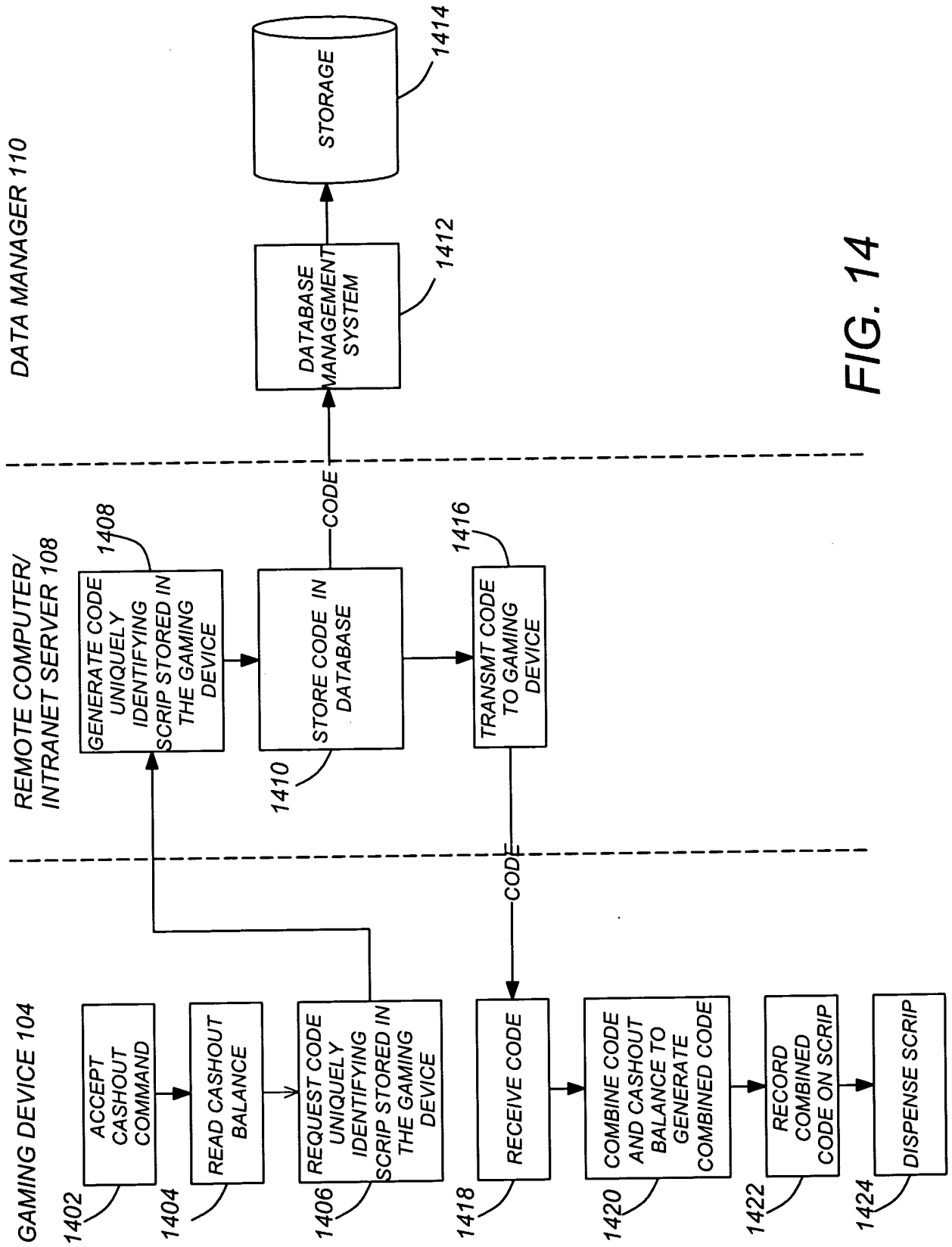


FIG. 14

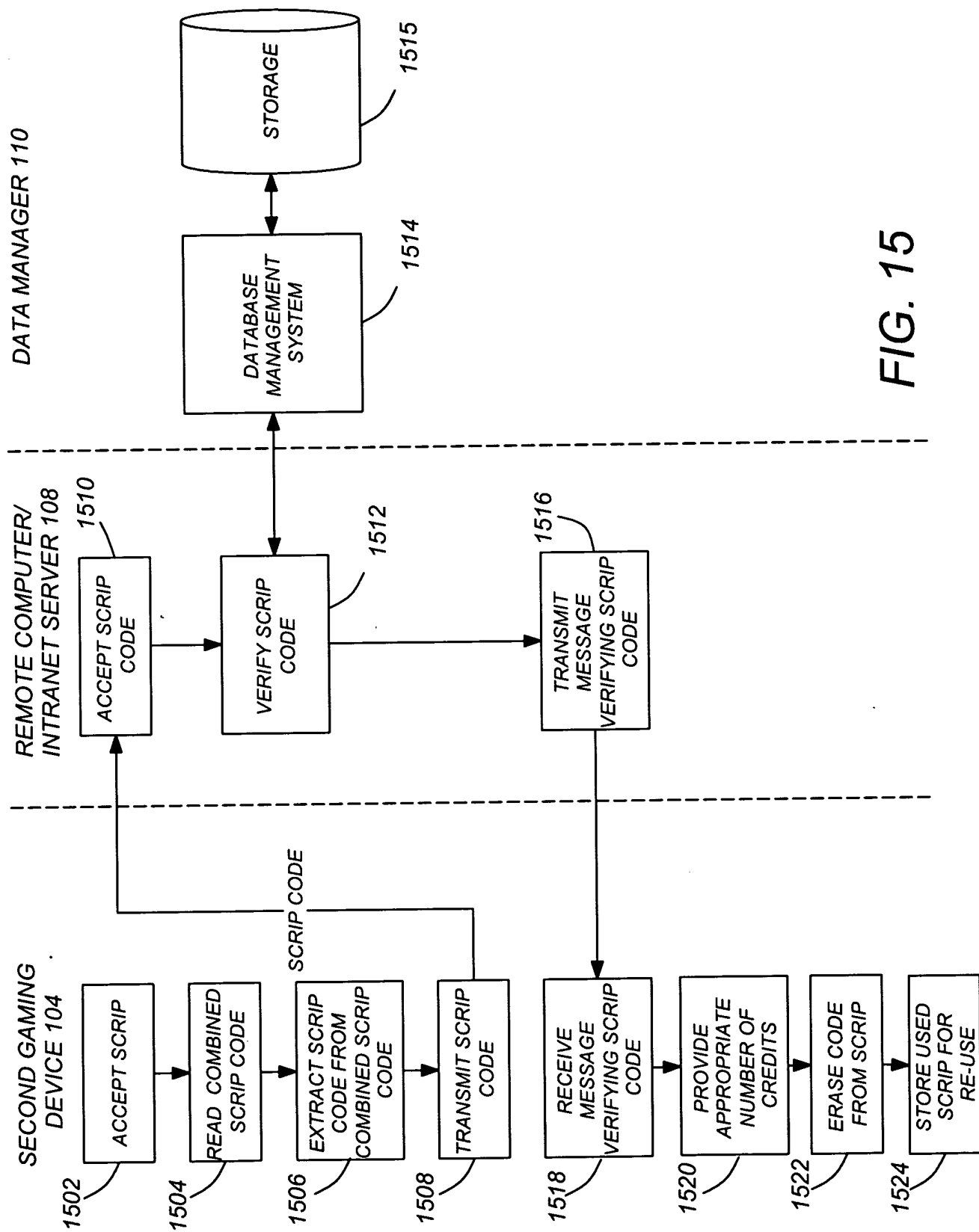


FIG. 15

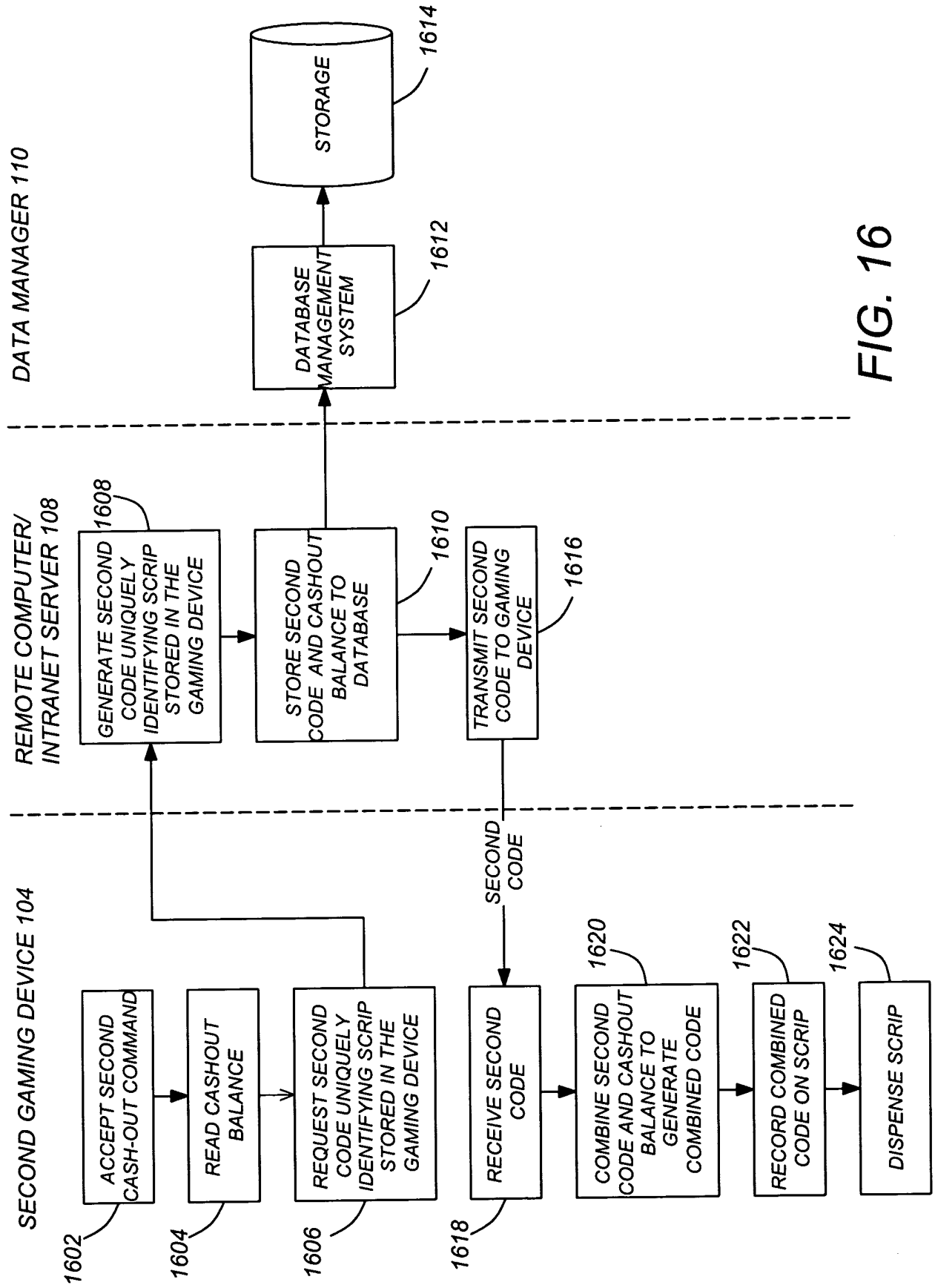


FIG. 16



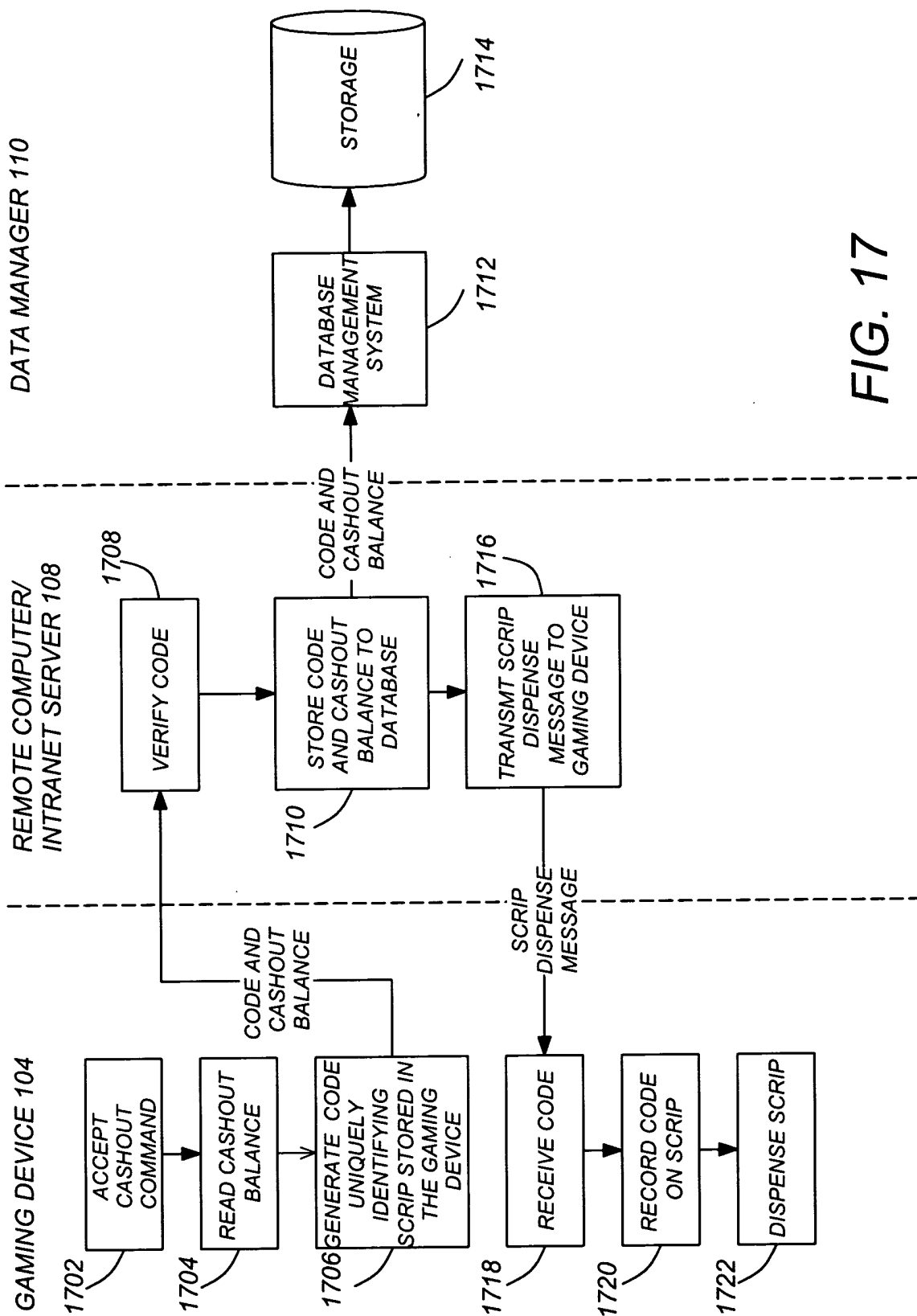


FIG. 17

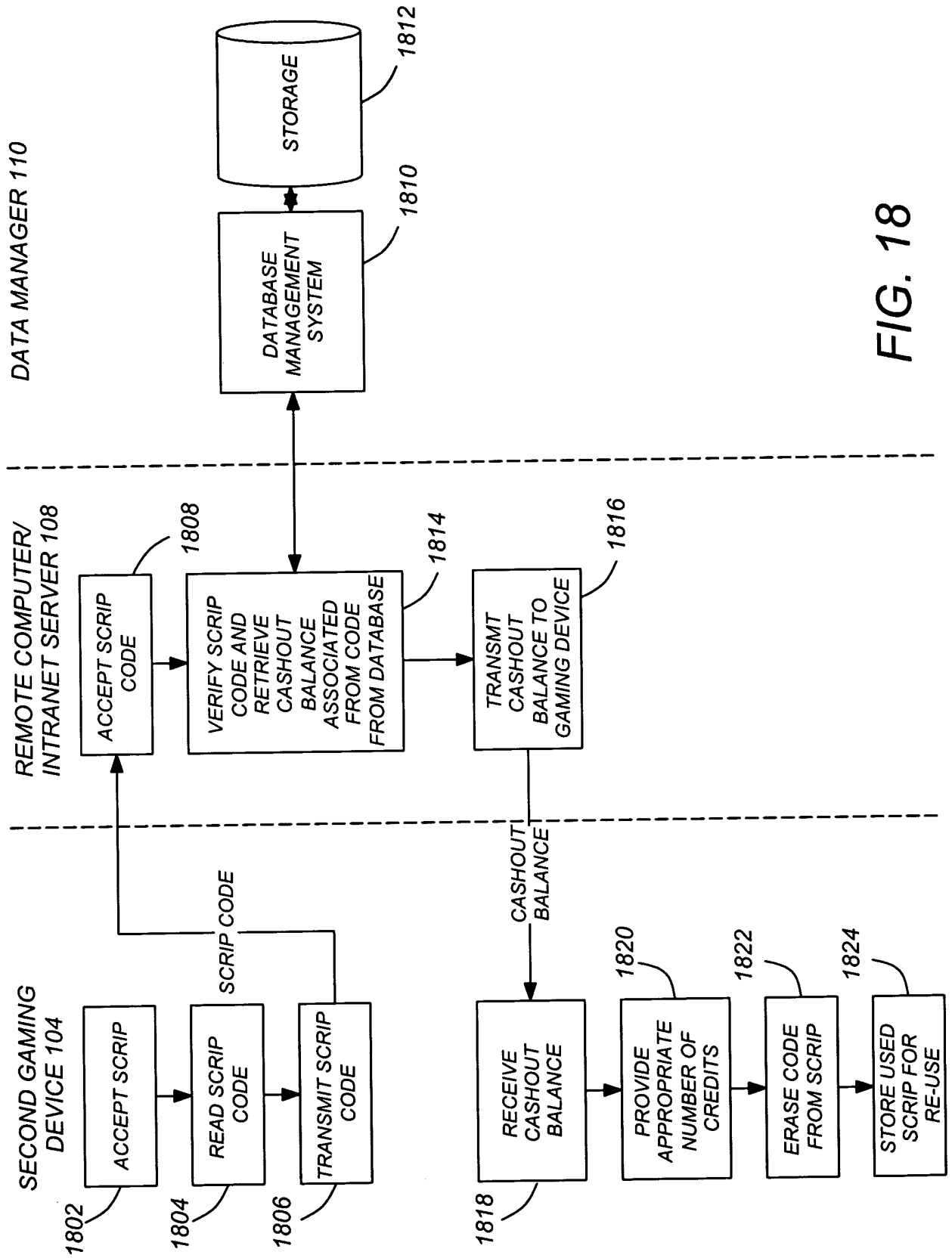


FIG. 18



FIG. 20

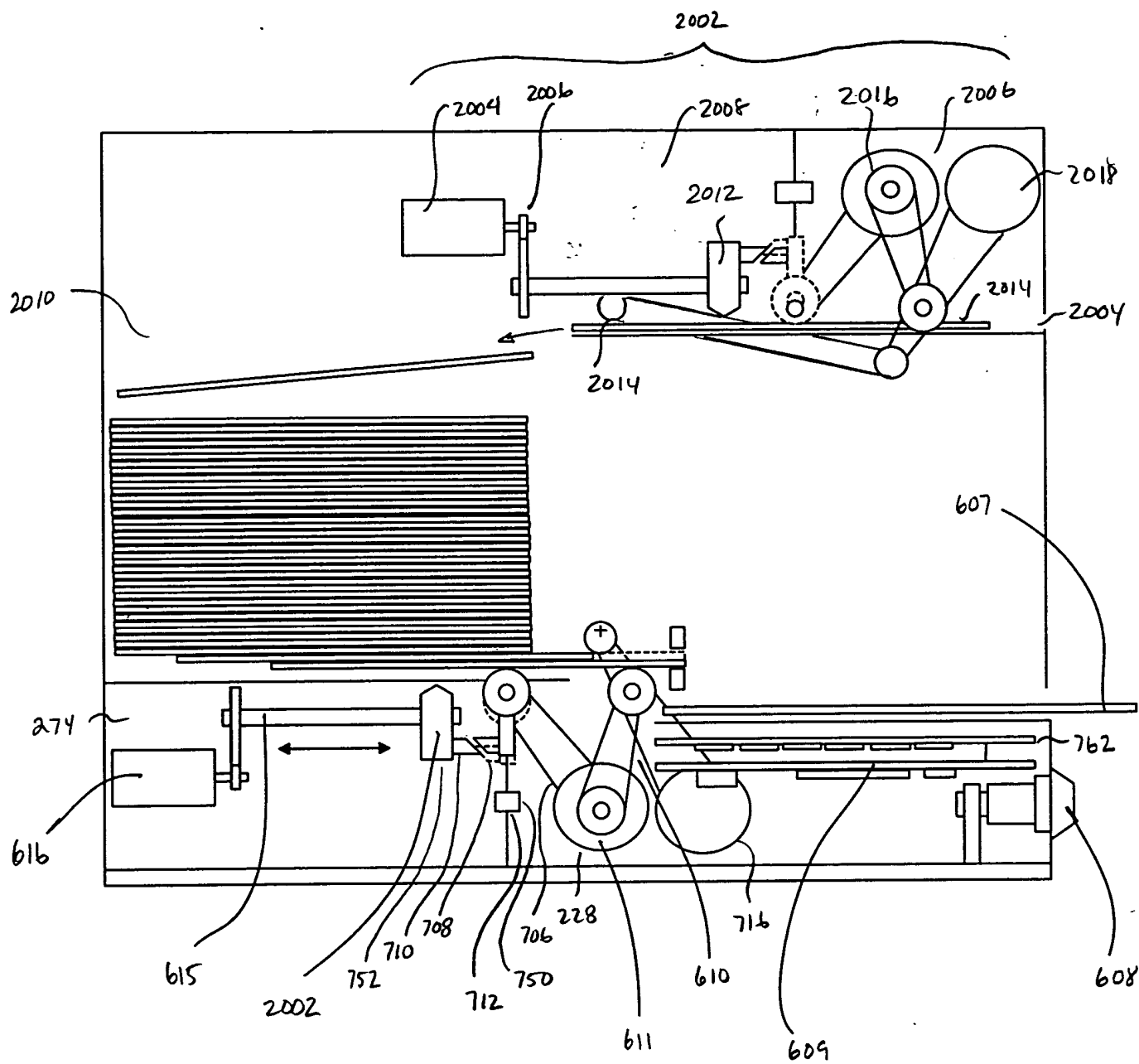


FIG. 20